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(54) Title: SYNERGISTICALLY ACTING HERBICIDAL MIXTURES

(57) **Abstract:** A synergistic herbicidal mixture comprising A) a compound selected from the group consisting of imidazolinones, sulfonylureas and sulfonamides, including their respective isomers as well as their respective environmentally compatible salts or esters or amides or other derivatives; and B) at least one herbicidal compound of the group of chloroacetamides, oxyacetamides and tetrazolinones as well as quinmerac including their respective isomers as well as their respective environmentally compatible salts or esters or amides or other derivatives and, if desired, C) at least one herbicidal compound selected from the group consisting of clomazone, atrazin, dichlormid, benoxacor, LAB-145138, MG-191, MON-13900, cyometrinil, oxabentrinil, fluxofenim, flurazole, naphtalacic acid, fenchlorim, fenchlorazol, mesfenpyr, cloquintocet (including its hydrate(s)), 1-ethyl-4-hydroxy-3-(1H-tetrazol-5-yl)-1H-quinolin-2-one, 4-carboxymethyl-chroman-4-carboxylic acid, N-(2-methoxy-benzoyl)-4-(3-methyl-ureido)-benzenesulfonamide, (3-oxo-isothiocroman-4-ylidenemethoxy)-acetic acid methyl ester including their respective isomers as well as their respective environmentally compatible salts or esters or amides or other derivatives.